Approved for use through 06/30/2010. OMB 0651-0032 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no person are required to respond to a collection of information unless it displays a valid OMB control number Complete if Known Effective on 12/08/2004. 09/982,548-Conf. #7782 Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818). **Application Number** FEE TRANSMITTAL October 18, 2001 Filing Date First Named Inventor Dongfang Liu For FY 2009 T. C. McIntosh **Examiner Name** Applicant claims small entity status. See 37 CFR 1.27 1623 Art Unit M0656.70070US00 TOTAL AMOUNT OF PAYMENT 555.00 Attorney Docket No. METHOD OF PAYMENT (check all that apply) Check x Credit Card Money Order None Other (please identify): 23/2825 Deposit Account Name: Wolf, Greenfield & Sacks, P.C. Deposit Account Number: For the above-identified deposit account, the Director is hereby authorized to: (check all that apply) Charge fee(s) indicated below, except for the filing fee Charge fee(s) indicated below Charge any additional fee(s) or underpayments of Credit any overpayments fee(s) under 37 CFR 1.16 and 1.17 **FEE CALCULATION** 1. BASIC FILING, SEARCH, AND EXAMINATION FEES **FILING FEES** SEARCH FEES **EXAMINATION FEES Small Entity** Small Entity Small Entity **Application Type** Fees Paid (\$) Fee (\$) Fee (\$) Fee (\$) Fee (\$) Fee (\$) Fee (\$) Utility 330 540 270 220 165 110 Design 220 110 100 50 140 70 Plant 220 170 110 330 165 85 Reissue 330 165 540 270 650 325 Provisional 220 110 0 0 0 2. EXCESS CLAIM FEES **Small Entity** Fee (\$) Fee (\$) **Fee Description** Each claim over 20 (including Reissues) 52 26 Each independent claim over 3 (including Reissues) 220 110 Multiple dependent claims 390 195 **Total Claims** Extra Claims Fee Paid (\$) Multiple Dependent Claims Fee (\$) - or HP = Fee Paid (\$) Fee (\$) HP = highest number of total claims paid for, if greater than 20. Extra Claims Fee Paid (\$) Indep. Claims х - or HP = HP = highest number of independent claims paid for, if greater than 3. 3. APPLICATION SIZE FEE If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$270 (\$135 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). Number of each additional 50 or fraction thereof Fee (\$) Fee Paid (\$) - 100 = (round up to a whole number) x 4. OTHER FEE(S) Fees Paid (\$) Non-English Specification, \$130 fee (no small entity discount) Other (e.g., late filing surcharge): 2253 Extension for response within third month 555.00 SUBMITTED BY Registration No. 617.646.8000 Signature 52.318 Telephone Date Name (Print/Type) Janice A. Vatland, Ph.D. April 16, 2009 x04.16.09

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	Electronic Filing Under 37 CFR 1.8 to as being attached or enclosed) is being transmitted via the Office electronic filing
Dated: April 16, 2009	Signaturé: (Michelle M. Quinn)